

Title (en)
DRIVE SOURCE CONTROL DEVICE

Title (de)
STEUERUNGSVORRICHTUNG FÜR ANTRIEBSQUELLE

Title (fr)
DISPOSITIF DE COMMANDE DE SOURCE D'ENTRAÎNEMENT

Publication
EP 3521097 A4 20200527 (EN)

Application
EP 17858302 A 20170929

Priority
• JP 2016195603 A 20161003
• JP 2017035440 W 20170929

Abstract (en)
[origin: EP3521097A1] Provided is a drive source control device (67) for controlling two drive sources (2L, 2R) of a vehicle. The vehicle including the two drive sources (2L, 2R), left and right drive wheels (61L, 61R), and a power transmission device (3) disposed among the two drive sources (2L, 2R) and the drive wheels (61L, 61R). The device (3) distributes powers from the two drive sources (2L, 2R) to the wheels (61L, 61R) to drive the wheels (61L, 61R). The drive source control device (67) includes: an angular acceleration calculation (71) to calculate angular accelerations of the drive wheels (61L, 61R) and/or angular accelerations of the drive sources (2L, 2R); and a torque correction (68) to, using the angular accelerations calculated by the angular acceleration calculation (71), correct command values for respective outputs of the drive sources (2L, 2R).

IPC 8 full level
B60L 15/20 (2006.01); **B60L 9/18** (2006.01); **F16H 48/10** (2012.01); **F16H 48/36** (2012.01)

CPC (source: EP US)
B60L 9/18 (2013.01 - US); **B60L 15/20** (2013.01 - US); **B60L 15/2036** (2013.01 - EP); **B60W 10/08** (2013.01 - US); **B60W 30/045** (2013.01 - US); **F16H 48/10** (2013.01 - US); **F16H 48/36** (2013.01 - US); **G01P 15/165** (2013.01 - US); **B60L 2220/42** (2013.01 - EP); **B60L 2240/423** (2013.01 - EP); **B60W 2710/083** (2013.01 - US); **F16H 48/10** (2013.01 - EP); **Y02T 10/64** (2013.01 - EP); **Y02T 10/72** (2013.01 - US)

Citation (search report)
• [XY] US 2013218381 A1 20130822 - SHINOHARA SEI [JP], et al
• [YA] EP 2149474 A1 20100203 - HONDA MOTOR CO LTD [JP]
• [YA] US 2013261863 A1 20131003 - NOGUCHI MASATOSHI [JP]
• See references of WO 2018066464A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3521097 A1 20190807; **EP 3521097 A4 20200527**; CN 109789800 A 20190521; CN 109789800 B 20220726; JP 2018061306 A 20180412; US 11207984 B2 20211228; US 2019232799 A1 20190801; WO 2018066464 A1 20180412

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